

Steps to generate ADC work environment for developers to Check-out Check-in files and build executables from the developer's home directories

1 Generate work environment

If work environment for a given CI (project) is not exist in your home directory then: find the name of the project and the name of repository where your project is for example project **gui** and repository is **GUI_db**

- create a directory for your project: **example: % mkdir gui-dev**
- cd to the directory which you created for the project **example: cd gui-dev**
- generate ADC work environment by using the following ADC command
adc-initwkenv environment_name project_name_with_latest_version repository_name
example: % adc-initwkenv GUI-dev gui_d1.0.0.latest GUI_db

- copy **/adc/makewkspace** into your work directory
example: % /adc/makewkspace .
- edit the **makewkspace** to change last parameter to your project name
- **chmod 555 makewkspace** (keep to regenerate links)
- run **makewkspace** to create links to the **dev** and **fos** trees
- cd to directory **dev** (top of the tree)
- source personal script to set personal build environment **example: source yfrankel_build.csh**
- cd to your project root directory **example: cd gui**
- run from the command line **adc-env** to verify work environment

To make your project may need bin and obj subdirectories from the project root directory **source \$CCSMAKE/make_dirs.csh**
Your work environment and work space are generated and set properly

2 Check-Outs , Check_ins and other operations with adc

To start ADC graphical interface execute adc command
xadc&

ADC graphical interface will display your current environment

3 Reuse of the work environment

You must update your work environment every time when your team reference area will be updated by your team lead. You may also update your work environment to delete obsolete files. To update work environment

- cd to the top work directory where **dev**, **fos** and workspace reside.
- remove the entire dev and fos tree
example: rm -rf dev; rm -rf fos

- run **makeworkspace**
- run **\$CCSMAKE/make_dirs.csh** in the project directory
example: cd gui; source \$CCSMAKE/make_dirs.csh

4 Update the Team Reference Area (for the Team Leads only)

To provide a fresh latest version of the project to the team members run from command line

- **adc-updateref -noproj project_latest example: % adc-updateref -noproj gui_latest**
- notify team members to clean and rebuild work environment (see step 3)

5. Freez the Project Version

To freeze a project version:

- from the command line start the **xadc &**
- from the **Admin** select **Checkpoint**
- in the Checkpoint** window make a description and checkpoint